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Pranted in U.S.A.





A SENSATIONAL NEWSPAPER STORY ROCKS GOTHAM CITY ONE MORNING...



THAT AFTERNOON, DR. TIMM INS RECEIVES A VISITOR IN HIS LABORATORY ...















THE JOKER DRINKS! AND SWIFTLY, AN INCREDIBLE CHANGE TAKES PLACE!



AS THE ELIXIR PERMEATES THE CRIME CLOWN'S BODY, AN AMAZING TRANSFORMATION IS COMPLETED!

SEE HIM AND NOW TO TRY OUT AT ALL MY NEW POWER FOR ANY



SOON, IN A GOTHAM CITY BANK ...



LOOK, MONEY WALKING-OUT BY ITSELF! TURN ON THE ALARM!

MEARBY, TWO FAMOUS MANHUNTERS COMPLETING A ROUTINE PATROL HEAR THE OMINOUS SIGNAL!

BATMAN,
THAT'S THE WERE TOO QUIET,
SECOND BANK ALARM!
ROBIN! LET'S GO!



















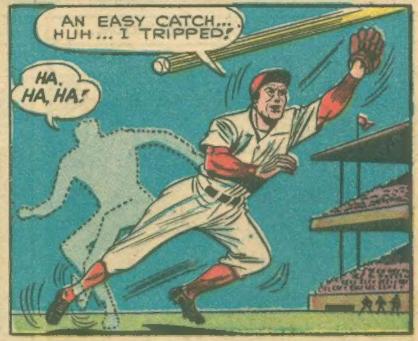




SOON, THREE GOTHAM CITY MAGNATES RECEIVE WEIRD BLACKMAIL THREATS! THE FIRST, MONTY LAIRD, SPORTS PROMOTER ...

AN UNSEEN PHANTOM WILL
SABOTAGE YOUR SPORTS—
ENTERPRISES UNLESS YOU WHAT
PAY WHAT I ASK!" HMM...
IT
IT'S JUST A CRAZY THREAT! THOUGHT,
MR.
LAIRD!













AS UPROARIOUS ARGUMENT BREAKS OUT, ACROSS GOTHAM CITY BATMAN AND ROBIN HAVE MADE A DISCOVERY!

AND HIS ELIXIR! THERE'S
BUT HOW CAN SOMEONE
WE FIND HIM? INVISIBLE IN
HERE: I CAN
HEAR SOUNDS!

































NO USE SETTING





THE JOKER WAS

AT HEADQUARTERS, THE SCIENTIST CONSULTS WITH THE TWO OTHER THREATENED MAGNATES, STACY AND MORSE?















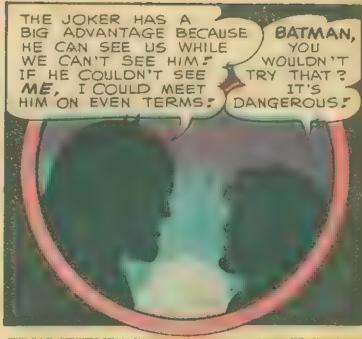














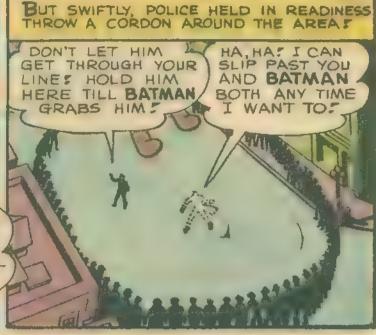


















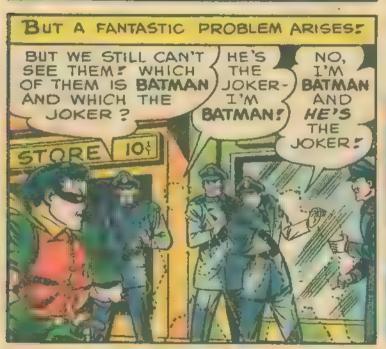


















MORE THRILLS WITH THE DARING DUO IN BATMAN AND WORLD'S FINEST COMICS!





DETECTIVE COMICS







THE INSIDE

STORY OF ROBOTMAN!





BUT INSIDE THE CRANE'S CAB IS NO WORKMAN-BUT DIRK MCGURK, CRIMINAL AT LARGE!





AND A MOMENT LATER, STEEL JAWS RETURN WITH AN ILLICIT PRIZE !





BUT DIRK MEGURK IS NOT CAUGHT NAPPING ...



As ROBOTMAN IS FLUNG AGAINST THE REINFORCED CONCRETE WALL, THE TERR BLE CRASH IS LIKE THE CRACK OF DOOM ."







WHEN THE CRIMINALS ARE GONE AND THE POLICE ARRIVE ...



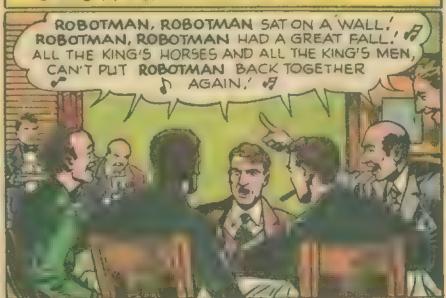
LATER. IN A LABORATORY WORKSHOP, WHERE LEARNED MEN HAVE BEEN SUMMONED FOR THE EMERGENCY ...



SOON, THE STUNNING NEWS SWEEPS THE CITY LIKE WILDFIRE ."



MEANWHILE, THE UNDERWORLD JOYOUSLY SINGS A FUNERAL DIRGE ...



BUT IN THE LABORATORY, A VITAL DISCOVERY IS MADE ...













IN A SCIENTIFIC LABORATORY...
"THIS IS A LIVING BRAIN, ENCASED
IN PROTECTIVE METAL! HIS
BODY DIED WHEN HE WAS SHOT
BY CRIMINALS. BUT THIS
BRAIN WILL HAVE A NEW
BODY - OF STEEL!"

"HIS-CHEST NOW CONTAINS A
POWERFUL ELECTRIC MOTOR. AND
THAT SPECIAL LIFETIME BATTERY
RECHARGES ITSELF FROM THE
COSMIC RAYS THAT CONSTANTLY
STREAM DOWN ON EARTH!
HE WILL NEVER NEED FUEL!!

THUS A MIRACLE MAN OF METAL WAS BORN.'

AGAIN- WITH

RENEWED STRENGTH!







AND SO, ROBOTMAN FARED FORTH ON HIS CRUSADE AGAINST CRIME, AND QUICKLY MADE HISTORY. BUT SOON AFTER, DISASTER STRUCK WHEN ROBOTMAN TRAILED A CRIMINAL TO A COUNTRY SHACK...





ROBOTMAN WAS LEFT TO A LINGERING



CAN'T DRAG MYSELF OVER
EITHER, BECAUSE THE ELECTRIC
CIRCUIT HAS BEEN BROKEN FROM
THE TRANSFORMER IN MY LEGS.



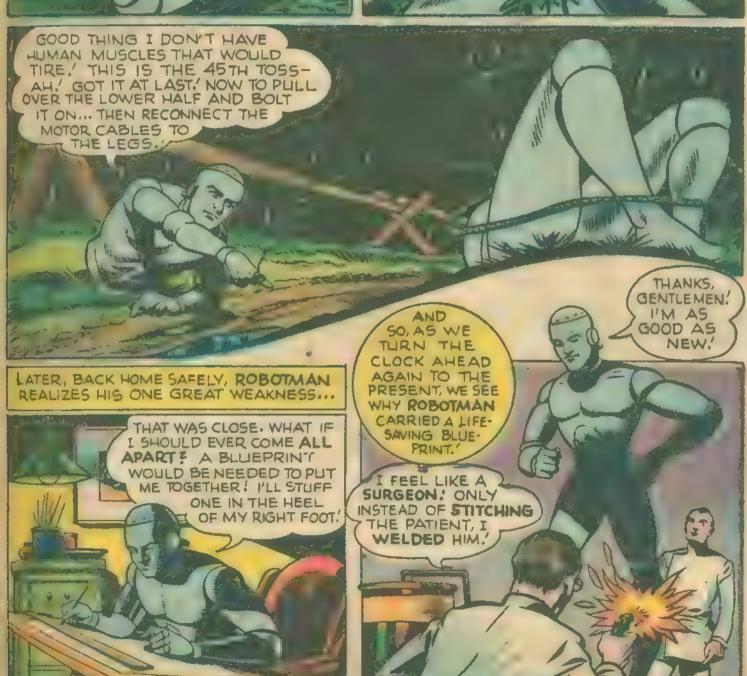
















ROBOTMAN'S RECOVERY IS KEPT SECRET AT HIS OWN REQUEST, AND ON THE FOLLOWING DAY PAUL DENNIS PROWLS THE UNDERWORLD...













pressed into six sections, sharply scalloped around the edge and stirched. Top of the crown has a real metal sleeve bearing mechanism on which is mounted a 5-inch helicopter blade. This blade comes in bright, flashing color designs.

It's a knockout! You can get as many beames as you want. For each one send only 25 cents and any size wrapper from Tootsie Rolls, Tootsie Fudge, or Tootsie Pops. Rush coupon today. You'll be glad you did.

COPTER!



TOOTSIE ROLLS Box 331, New York 8, N. Y.

My Address

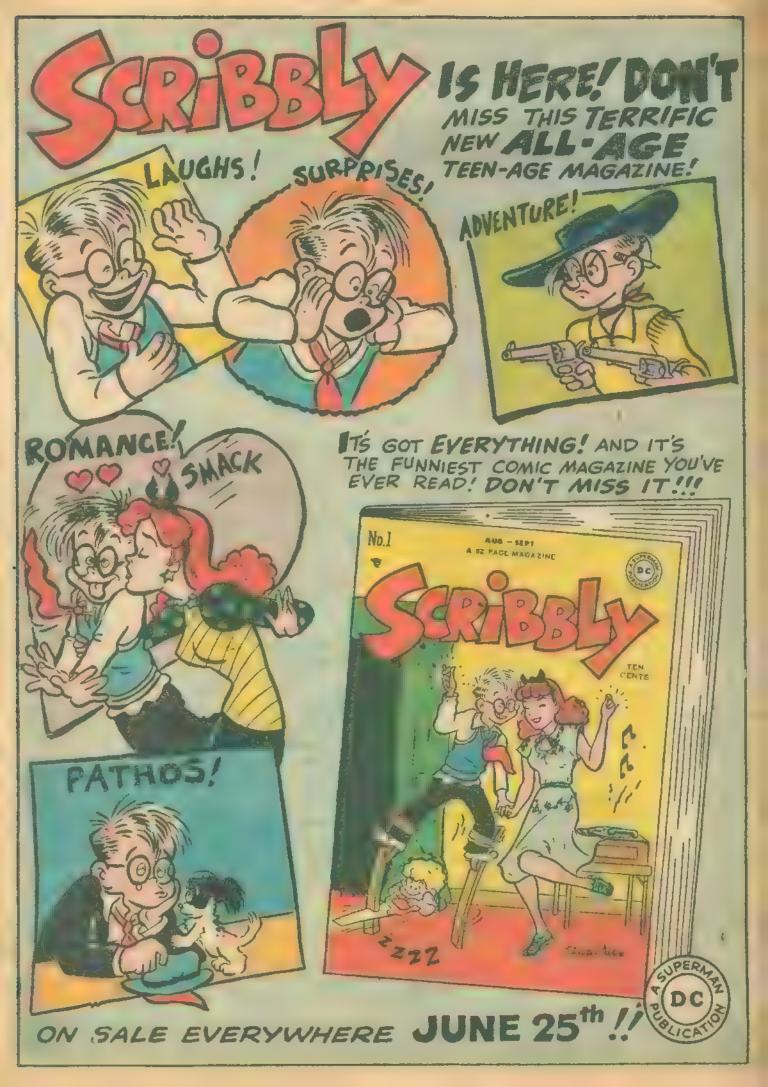
A PUSHMOBILE!

CLASS WITH

You bet I want to be first in my neighborhood to sport a new Tootsie BEANIE-"COPTER. For each one I enclase 25¢ (in cain) and a wrapper from Tootsie Roll, Tootsie Fudge, or Tootsie Pop.

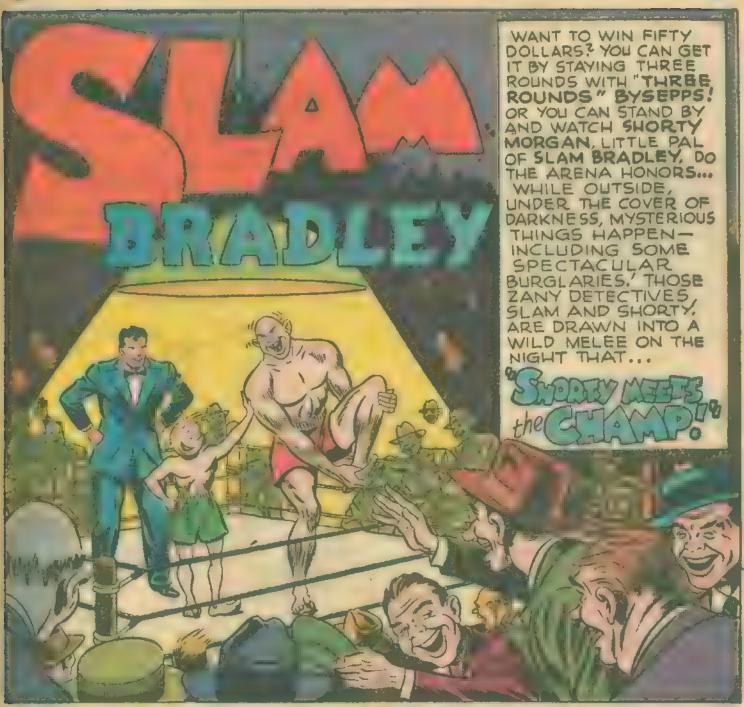
My Name.....

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ADDRESS



Distinctive red black and silver effect at I nch rep ica of the smart new
'Air Wing' head sheed on the new
Monark bikes A beauty that quick
ly clamps on coat shirt or sweater

EVERY CONTESTANT RECEIVES COLORFUL NEW BROADSIDE

You don't have to win to get this attractive broadside illustrating and describing the complete new Monack time in full color



MARK I will willing, " d.

6501 West Grand Avenue, Chicago 35, Illinois

MAIL COUPON TODAY ...

MONARK SILVER KING, INC., 6501 W. Grand Ave., Chicago 35, III. THE SEVEN HIDDEN MONARK FEATURES ARE: I dent by your selections below by numbers shown in stors of

| Send coinst | b odds de | 8 54 | whather or | not I wi | a Ar Wie | e lopel but | ign |
|-------------|-----------|------|------------|----------|----------|-------------|-----|

STA*E____



SECRET CODES CAN BE FUN!

By HENRY LYSING

Author of "Secret Writing: How to Code and Decode,"
"The Cryptogram Book," etc.

The Tic-Tac-Toe Code

THERE are many ways to make secret codes and ciphers. Some of these ways are quite complicated, but that doesn't make them good codes. The simpler ones are often just as effective, and they are certainly much more fun.

For example, the Tic-Tac-Toe game that we have all played so often, can be the basis of a very clever code you can use with your friends.

Make the double-cross form for a Tic-Tac-Toe game and fill in the letters of the alphabet for each square. We need more squares, so we repeat—but this time put a dot by each letter. Then make two more simple designs—diagonally-crossed lines this time—again with dots in the second set. This gives 26 squares for the alphabet, as follows:



But how do we use this as a code? Well, look at the sentence below, and then check it with the master code above:

And now you see that the message reads:
"Here is an example of the Tic Tac Toe ci-

pher." We skip hyphens and all other punctuation marks that might give the words away.

Incidentally, you can make several variations of this code by using the same basic idea and shifting the letters of the alphabet to other positions. But to avoid confusion when sending messages, be sure to let your friend know, with some secret symbol, exactly which code variation is being used.

An American War Code

There are many interesting stories about the use of codes in war times. During the first World War the Germans were baffling the Allies by breaking our codes too easily. Then the Americans thought up a clever idea and got different Yanks who could speak other languages to pass orders along to others who could understand them. This puzzled the Germans for a while, but they soon spotted the linguists with each division, and that ended that code.

But the Yanks got a better idea. They organized a group of Choctaw Indians, and began to use their language to send secret messages. The Germans could not understand the Choctaw tongue, and everything looked fine.

But the use of Indians was far from perfect. The Choctaws did not have words for tanks, airplanes, howitzers, or other instruments for modern warfare. Then, too, some of the Indians used dialects that others did not understand at all.

That is the trouble with a lot of good codes.

They're so good that sometimes the person who receives them is unable to decipher them!

The Rail Fence Cipher

One of the most simple and effective codes ever used was invented during the American Civil War. It requires no charts, no special arrangements, and no substitutions. It is called the Rail Fence Cipher, because when working it out before sending, it bears a resemblance to the old-fashioned rail fence. When putting a message into this code, you use two lines, writing every other letter on alternate lines. In owner words, the first letter on the top line, the second on the bottom, and so on. As illustration, the sentence: "Here is an example of the Rail Fence Cipher," would look like this:

Hriaeapefhrifneihr eesnxmlotealeccpe

The message is read up and down, from left to right. When sending it, however, first run the lines together, alternating four letters from the top line with four letters from the bottom. The message would then look like this:

Hria eesn eape xmlo fhri teal fnei eccp hr e.

See how simple this is? You can jot down messages without anyone knowing what you are writing. But the best feature of the code is that the friend to whom you are sending it will be able to decode it quickly and without fear of making a mistake!

Secret Inks

But how would you like a method of sending secret messages that do not look like code? You can make invisible inks right in your own kitchen, and all you need is milk or the juice from an orange, lemon, or grapefruit!

Remember, in writing messages with invisible ink you should always have an open and very unsuspicious message in regular ink, with your secret writing between the lines. A blank sheet of paper would just shout for close examination and tests for secret ink.

Invisible writing with any of the things mentioned above can be made visible with the application of heat. Hold the paper above a light bulb or run a hot iron over it, and the letters will show up.

You can also make invisible writing with the styptic pencil your father uses after shaving, but immerse the point in water first. Don't put it in your mouth; the stypic pencil conains alum, and it is not pleasant to taste.

The use of glue requires still a different technique. To bring out the message you must first heat the paper, and then sprinkle colored dust or powder over it. The powder adheres to the glue, which is moistened to stickiness by the heat, and when you shake off the rest, the message is easy to read.

In writing secret messages always be sure to use a clean steel pen or a sharp toothpick. Don't make scratches that can be seen and suspected. A little practice will help you to do it just right.

(In next month's issue of Detective Comics, we'll tell you more about secret inks and other clever ways of writing secret messages, including the Diary Code, the Magic Square Code, and the Mind Reader's Code. Don't miss this exciting feature!)











THIS STORY ACTUALLY BEGAN 75 YEARS AGO, WHEN A SMALL SAILING VESSEL CALLED THE MARY CELESTE LEFT NEW YORK HARBOR.



WEEKS LATER, A BARQUE SIGHTED THE SMALL BRIGANTINE OFF THE COAST OF GIERALTER...

SHE DOESN'T ANY SIGNS OF LIFE.'
ANSWER OUR SIGNALS, CAP'N.'
WHAT'S WRONG?

AS THE APPROACHING CREW NEARED
THE VESSEL...

NO REPLY, SIR. AN' IT'S
MIGHTY STRANGE, TOO.
DOESN'T SEEM TO BE
ANY LIFE ABOARD
HER.
CELESTE!

THEN, WHEN THE MEN OF THE DEI GRATIA
BOARDED THE MARY CELESTE

THERE'S NOT A
HUMAN BEING
ON BOARD,
SIR.' WE'VE
SEARCHED HER
LIP AND DOWN!

WHAT.' LET'S
LOOK AGAIN.'
BI
D
D

AND IN THE SHIP'S MESS...

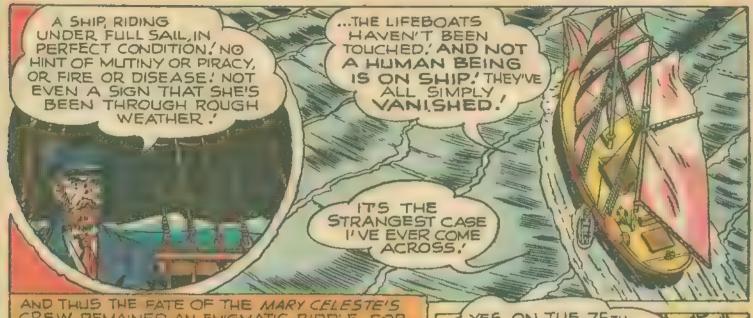
LOOK! THEY
MUST HAVE JUST
MINUTES AGO — THE
FOOD AND COFFEE'S
DOWN TO EAT WHEN
WHATEVER IT WAS
HAPPENED!

NOT A CLUE TO THE DISAPPEARANCE OF

CREW AND PASSENGERS COULD BE FOUND.







CREW REMAINED AN ENIGNATIC RIDDLE FOR ALMOST A CENTURY AND NOW, 75 YEARS LATER.





























I TOLD THE

WHALER TO TAIL US-BUT TO REMAIN FAR BEHIND! AND NOW, WE'LL SEE WHAT HAPPENS

NEXT!

AN ISLAND,
PERHAPS! AN
UNCHARTED ISLAND
WITH METAL DEPOSITS
IN THE ROCK! THAT'S
WHAT THE RADAR PICKED
LIP! CALL THE BOYS—
WE'RE GOING FOR
A CRUISE ON
THE MARY
CELESTE II.



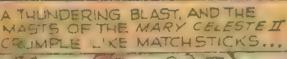














































IN THE LULL OF THE BATTLE, BROOKLYN
GRABS A BASKET OF COCONUT "AMMUNITION"
AND CLAMBERS INTO THE CABLE CAR.
THEN...
JUST LIKE



BUT CAPTAIN RIP CARTER HAS OTHER



SO THEY THINK THEY'RE SAFE IN
THEIR FOXHOLES! WELL, WITH THESE
SHORT BAMBOO STALKS, I'VE GOT
A WAY TO BLAST THEM OUT.'
WE'RE GOING TO SET THEM
LIP LIKE MORTARS.'









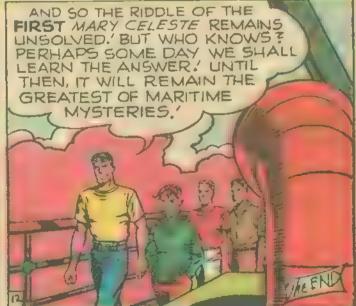












RIP CARTER AND CREW ALSO APPEAR IN WORLD'S FINEST COMICS & BOY COMMANDOS!



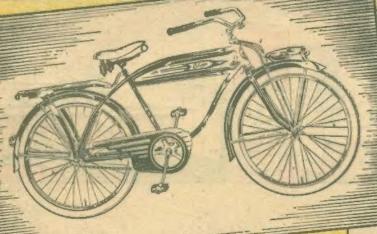
DAYDREAM MIKE vonderful bike!



NIX PAUL, IT'S AND YOUR COLUMBIA BIKE IS FASTER ANYHOW.







HOORAY ... WE'VE OF CONGORD BECAUSE MIKE AND HIS GOT HERE FIRST FIRST!

YOU JUST CAN'T BEAT

Pumbia FLYING ACTI

Bikes by Columbia have a combination of modern features you'll find on no other bikes. Swell new features on the 1948 models include a new crank hanger for easier pedaling - an exclusive Westfield patented built-in kick stand — a Columbia built-in lock - and silver alloy brazed frames for greatest precision and handsomest looks. All front wheel hubs are made from solid bars. Pedal shafts and front forks are extra-strength steel. Handle bar -. stems are one-piece drop forged. DuPont Dulux enamel finish. These and many other superior features make 1948 bicycles by Columbia as handsome as they are sturdy, as fine as you could own.



THANK YOU, GEN. WASHINGTON HISTORY WILL HEAR OF THIS /





A BIKE BY COLUMBIA IS

Kemember

FELLOWS AND GIRLS! NOT ONLY A HANDSOMER BIKE, BUT ALSO A BETTER BUILT BIKE ... AND WHEN A BIKE IS BUILT BETTER IT LASTS LONGER ... PEDALS FASIER ... GOES FASTER CLIMBS EASIER ... AND GETS YOU THERE FRESHER THAN "POKEY" HARDER-TO-FUSH BIKES MORAL: GET A BICYCLE BY COLUMBIA AND BE A LEADER

SNAPPY RED & WHITE PLASTIC ... MAKES A BIG NOISE





SINCE 1877 AMERICA'S FIRST BICYCLE

SEND FOR BIKE CHIEF "SIREN AND BOOKLET NOW!

The Westfield Manufacturing Company 78 Cycle Street, Westfield, Massachusetts

Find enclared fifteen cents (15c), for which please send me, past-paid, one "BIKE CHIEF" SIREN, and BOOKLET describing new, 1948 Columbia Bikes []. Please rend free backlet only [].

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Address __

DAFFYE DODDLE











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WORLD'S FINEST COMICS



GWAN ... HE CAN'T TELL ME YOU



















"FRONTIER AGENT"

"I tasted the leading colas," says Johnny Mack Brown, "and RC was best of all." Try delicious best-tasting Royal Crown Cola. You really get your money's worth with two full glasses in each bottle.

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ROYAL CROWN Best by taste-test